SPRING SINGAPORE CALLS FOR PUBLIC COMMENTS ON SINGAPORE STANDARDS – 3 JUN 2011

Singapore Standards are established based on an open system which is also in accordance with the World Trade Organisation requirements. SPRING Singapore is inviting public comments for the following drafts and Singapore Standards.

Five drafts to be established as Singapore Standards:

1. **Code of practice for earthworks in the vicinity of electricity cables** (S$6.00 per copy)

   This standard serves as a guide for best practice for earthworks activities near underground electricity cables with the intent to minimise the number of damages to these cables.

   Those who would be interested in the standard are earthworks contractors, consultants, engineers and stakeholders who are involved in carrying out earthworks in the vicinity of underground electricity cables.

2. **Specification for personal protective equipment for protection against falls from a height – Single point anchor devices and flexible horizontal lifeline systems** (S$6.00 per copy)

   This standard specifies requirements, test methods, user instructions, marking, labelling and packaging, as appropriate, of permanent, temporary single-point anchor devices and flexible horizontal lifelines systems, exclusively for the attachment of personal protective equipment (PPE) for protection against falls from a height for fall arrest, work positioning and travel restriction (work restraint).

   Users include professional engineers, safety officers, Environmental, Health & Safety (EHS) consultants, academic institutions, Workplace Safety and Health (WSH) professionals and practitioners, regulators and implementing government agencies.

3. **Code of practice for factory layout – Safety, health and welfare considerations** (Revision of CP 27 : 1999) (S$6.00 per copy)

   The purpose of this code is to provide guidelines on the safety, health and welfare considerations to be taken in planning the factory layout.

   This code is intended for factory owners, factory occupiers, engineers, architects, WSH officers, developers and all those concerned directly or indirectly with factory layout. They also include EHS consultants, WSH professionals and practitioners, regulators and implementing government agencies.

4. **Code of practice for confined spaces** (Revision of CP 84 : 2000) (S$6.00 per copy)

   This code provides guidelines on the safety and health control measures relating to entry into and working in confined spaces.

   Those who would be interested in the standard include WSH professionals and practitioners, safety officers, supervisors, regulators and all those with responsibility for controlling work in confined spaces and/or carrying out risk assessments prior to permitting entry into confined spaces.
5. **Code of practice for manual handling** (Revision of CP 92 : 2002) (S$6.00 per copy)

This code provides information and guidance for the identification, assessment and control of risks arising from manual handling activities in workplaces and on the planning and implementation of an ergonomics programme for manual handling operations.

It will be of interest to managers, supervisors, workers, trainers and educators as well as occupational safety and health specialists.

*(Note for items 3 to 5: Instead of the prefix CP, the revised editions of CP 27, CP 84 and CP 92 will carry the prefix ‘SS’; i.e. SS XXX : 2011, XXX representing the number that will be assigned when the standards are approved.)*

**One Singapore Standard to be withdrawn:**

6. **Specification for electric navigation lights** (SS 259 : 1982)

This standard is proposed for withdrawal as all ships are required to comply with standards set by the IMO, and in this case is resolution MSC.253(83) for COLREG. Thus the withdrawal would have no impact on Singapore-flag ships.

**Nine Singapore Standards to be reviewed:**

7. **The use of the metric system in the construction industry** [SS 56 : 1971 (1981)]

This standard gives guidance on the use of symbols, metric notations and numerical values and also clarifies some points relating the use of SI units. It is intended for use with SS 52 : 1971 – ‘The use of the metric system in the building industry’, which had been withdrawn and replaced by ISO 80000-1:2009 ‘Quantities and units -- Part 1: General’.

It is intended to withdraw the SS 56 as the standard is no longer in use.

8. **Precast concrete blocks (metric)** [SS 76M : 1975 (1990)]

This standard specifies precast solid and hollow precast concrete blocks made from a mixture of Portland cement, suitable aggregates and water with or without the addition of suitable additives for use in loadbearing and non-load bearing masonry walls. The requirements for Class `B` type of blocks and bricks have been replaced by SS 271: 1983.

It is intended to withdraw SS 76M as major users such as HDB and local precasters have ceased to use the standard.


This standard specifies requirements for chemical characteristics, texture, stability and sampling. It describes methods for the determination of total fatty matter, total alkali, free caustic alkali, rosin, chlorides, matter insoluble in alcohol, unsaponified and unsaponifiable matter texture and stability.

10. **Scouring powder** (SS 190 : 1978)

This standard covers scouring powder, with and without chlorine-containing bleaching agent, for the cleaning of porcelain faces (vitreous types), floors, marble and for general kitchen use.

11. **Laundry detergent powder for household use in manual washing** (SS 231 : 1980)

This standard covers the requirements and methods of sampling and testing for synthetic powder detergents for household washing of laundry by hand.
12. **Toothpaste (SS 244 : 1980)**

This standard specifies requirements for toothpastes, presented in paste form, for use with a toothbrush in the cleaning of natural teeth.

13. **Liquid detergent for hand dishwashing (SS 285 : 1984)**

This standard covers the requirements and methods of test for liquid detergents for hand dishwashing consisting mainly of anionic surface active agents.

14. **Toilet bowl cleaning compound (SS 312 : 1986)**

This standard specifies the requirements and methods of test for a sodium bisulfate type of cleaning compound for use as a toilet bowl cleaner.

15. **Waterless hand cleaner (SS 327:1988)**

This standard specifies a waterless hand cleaner that is used to clean grease-based soils from the hands. The hand cleaner is removed by wiping or water rinse. The standard provides basic requirements and test methods for assessing the quality of waterless hand cleaners for industrial use.

The standards on household chemicals (items 9 to 15) will be initiated for review with the intention to update and confirm them with or without changes. They are used mainly by chemical manufacturers and testing laboratories.

**Six new work items:**

The public can provide comments on the following new standardisation projects which have just commenced:

*(Note: New work items are at the preparatory stage, thus their drafts are not available at this juncture.)*

16. **Technical Reference (TR) LED modules for general lighting – Performance requirements**

This TR will specify the performance requirements for LED modules, together with the test methods and conditions, required to show compliance with this TR. The following types of LED modules will be covered:

- **Type 1:** Self-ballasted LED modules for use on d.c. supplies up to 250 V or on a.c. supplies up to 1 000 V at 50 Hz or 60 Hz.
- **Type 2:** LED modules operating with external controlgear connected to the mains voltage, and having further control means inside (“semi-ballasted”) for operation under constant voltage, constant current or constant power.
- **Type 3:** LED modules where the complete controlgear is separate from the module for operation under constant voltage, constant current or constant power.

The requirements will relate only to type testing. Recommendations for whole product testing or batch testing will be under consideration. This TR covers LED modules that intentionally produce white light, based on inorganic LEDs.

17. **Technical Reference for luminaire performance**

**Part 1 : General requirements**

This TR will cover specific performance and environmental requirements for luminaires, incorporating electric light sources for operation from supply voltages up to 1 000 V where
claims of operational performance are made. Unless otherwise detailed performance data covered under the scope of this standard are for the luminaire in a condition representative of new manufacture, with any specified initial aging procedures completed.

This Part will also cover requirements for luminaires to support energy efficient use and responsible environmental management to the end of life. The objective is to provide a set of requirements which are considered to be generally applicable to most types of luminaire.

**Part 2-1 : Particular requirements for LED luminaires**

This TR will specify the performance requirements for LED luminaires, together with the test methods and conditions, required to show compliance with the publication. It will apply to LED luminaires for general lighting purposes, where claims of operational performance are made.

The following types of LED luminaires will be covered:

Type A : Integral LED luminaire, with integral LED module or discrete LED and with either self ballasted or separate control gear.

Type B : Luminaire with built-in LED module. The module may be serviceable as a built-in LED module (self- or semi-ballasted or with separate control gear) or replaceable with a standardised built in LED module (self- or semi-ballasted or with separate control gear).

Type C : Luminaire with LED lamp and with self ballasted or separate control gear.

Those interested in the TRs will include makers of LED modules and luminaires, local designers and suppliers as well as procurement agencies.

18. **Singapore Standard for fineness of precious metal jewellery**

This standard will specify the fineness and expression of gold. It will include sampling plan, analysis test method to determine fineness of sample, acceptance criteria and tolerance limit of fineness of metal.

This standard is expected to be used by the Singapore Jewellers Association for setting up an accreditation scheme to help upgrade the capability of the industry. Other users include local jewellers, retailers, traders and testing laboratories.

19. **Specification for water-based sealer**

There is a need to establish a standard for a water-based sealer that can deal with alkaline from the concrete / plastering work, which is often made worse with presence of hair line cracks. Due to alkalinity in the substrate, it can result in defects in top coat such as yellow staining, discoloration, white patches of deposits and more.

While the industry may accept hairline cracks as inherent in plasterwork, there is a need to provide a water-based sealer that can better deal with the situation.

This standard aims to provide a minimum manufacturer performance warranty for the quality of the sealer; and this in turn will address some issues related to coating defects.

This standard is expected to be used by the Housing & Development Board, other government agencies and contractors in the building industry. It will also serve as a ready reference for specifiers and end-users.

20. **Water efficiency management standard for non-domestic customers**

This standard will specify requirements for a Water Efficiency Management Plan (WEMP) to enable an organisation to take a systematic approach in order to achieve continual improvement of water efficiency and to develop and implement measures on water conservation. This standard will be applicable to any organisation that wishes to:
- achieve efficient use of water in the process through reduce, replace and reuse approach.
- establish, implement, maintain and improve water efficiency in overall process.
- continually self improve its water usage in process.

Copies of the drafts and standards are available for reference/sale at:

Toppan Leefung Pte Ltd  
1 Kim Seng Promenade #18-01  
Great World City East Tower  
Singapore 237994  

Customer Service Hotline: (65) 6826 9691  
Fax: (65) 6820 3341  
Email: singaporestandardseshop@toppanleefung.com  
Contact person: Mr Rahman Daud

Operating Hours:
Mon to Fri: 9.30am to 6.00pm  
Closed on Saturdays, Sundays and Public Holidays

The closing date for comments is 4 August 2011 for the establishment and withdrawal of Singapore Standards and 4 July 2011 for the review of Singapore Standards and the commencement of new work. The public can send their comments on-line through http://www.spring.gov.sg/public_comments to:

Head  
Standards  
SPRING Singapore  
1 Fusionopolis Walk  
#01-02 South Tower, Solaris  
Singapore 138628

Note: With effect from January 2010, we accept comments only in electronic formats on-line through http://www.spring.gov.sg/public_comments or by email to kay_chua@spring.gov.sg (attachments in the email, if any, are to be in revisable electronic formats to enable ease of use by the secretariat).

For more information on the standards, please contact Mrs Kay Chua, Senior Administrative Executive at Tel: (65) 6279 1804, Email: kay_chua@spring.gov.sg or Fax: (65) 6659 0639.
Frequently asked questions about public comment on Singapore Standards:

1. What is public comment?

Singapore Standards are established based on an open system which is also in accordance with the World Trade Organisation requirements. These documents are issued as part of a consultation process before any standards are introduced or reviewed. This important stage in the development of Singapore Standards is the Public Comment period. This mechanism helps industry, companies and other stakeholders be aware of forthcoming changes to Singapore Standards and provide them with an opportunity to influence, before their publication, the standards that have been developed by their industry and for their industry.

2. How does public comment benefit me?

The benefits are:

- It ensures that your views are considered and gives you the opportunity to influence the content of the standards in your area of expertise and in your industry;
- It enables you to be familiar with the content of the standards before they are published and you stand to gain a competitive advantage with this prior knowledge of the standards.

3. Why do I have to pay for the draft?

The drafts are available for free viewing at Toppan Leefung Pte Ltd at the address given above. However, a nominal price of $6.00 per copy of the drafts is charged for copyright and administrative reasons for those who wish to purchase the drafts. National standards are knowledge documents developed by standards committees for the specific industry. The release of the draft for public comment is to allow other members of the industry affected to make the standard more suitable for their use. The charge for public comments on national standards is an international norm for national standards bodies and free distribution is not possible due to copyright reasons as national standards are an embodiment of knowledge. ISO/IEC sells the ISO/IEC draft standards at the full price similar to a published ISO/IEC standard.

4. Why do I have to pay for the standards which are proposed for review or withdrawal?

These standards are available for free viewing at Toppan Leefung Pte Ltd at the address given above. However, the normal price of the standard will be charged for those who wish to purchase a copy. At the stage where we propose to review or withdraw the standards, the standards are still current and in use. We seek comments for these standards so as to:

- provide an opportunity for the industry to provide inputs for the review of the standard that would make the standard suitable for the industry’s use,
- provide feedback on the continued need for the standard so that it will not be withdrawn,

5. What happens after I have submitted my comments?

The comments will be channelled to the relevant standards committee for consideration and you will be informed of the outcome of the committee’s decision and you may be invited to meet the committee if clarification is required on your feedback.

6. Can I purchase drafts after the public comment period?

Drafts will not be available after the public comment period.

7. How do I request for a new standard?

You can inform us of your standardisation needs by completing the Proposal Form found at:

8. How do I get updates of Singapore Standards or standardisation activities?

We provide a free email alert service, "Update Me". You can register at:
http://www.standards.org.sg/Forms/UpdateMe.cfm

For more information on the national standardisation programme, please visit the Standards Website at: